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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

FERTILIZER AND CHEMICALS PLANT
CHU-HSIEN, CHINA

CIA/PIR 65056

DATE NOV. 1965
COPY
PAGES 7

GROUP 1
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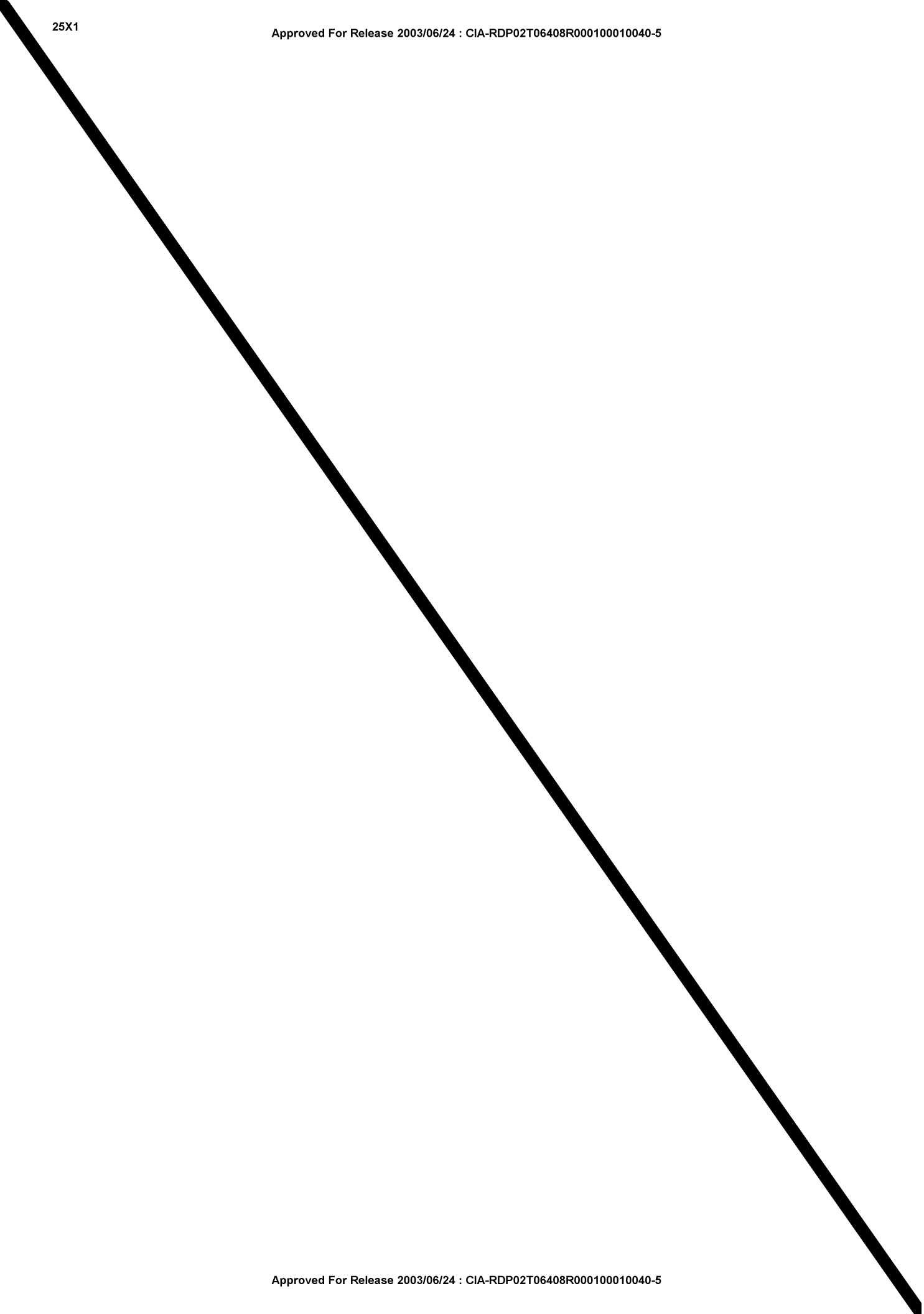

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CIA IMAGERY ANALYSIS DIVISION

FERTILIZER AND CHEMICALS PLANT
CHU-HSIEN, CHINA

The subject plant is situated approximately 3.5 nm south of Chu-Hsien, China at geographic coordinates 28 54N - 118 53E.

This report is limited to a comparison of the plant as it was in Figure 3, and in Figure 4. The small scale and only fair quality of the latter coverage does not permit a definitive comparison; small structures and processing equipment are difficult or impossible to see. Identifications of the various facilities and the functional divisions of the plant were adapted from the referenced report.

There have been no major additions to the plant with the exception of two sizeable administration or laboratory type buildings. The locations of the two buildings as well as those of several minor structures are noted in the next section of this report.

The functional divisions of the plant and associated facilities are indicated by numbers on the overlay to Figure 4. They are:

1. Liquid air plant
2. Calcium carbide and cyanamide section
3. Polyvinyl chloride and probable neopreme section
4. Chlorine, caustic soda and hydrogen production section
5. Bleaching powder section
6. Hydrochloric acid section
7. Iron production section (from residue from the sulphuric acid section, i.e., roasted pyrite)
8. Possible insecticide production section
9. Possible storage and bagging section
10. Ammonia and ammonium sulphate production sections and probable nitric acid and ammonium nitrate production sections
11. Sulphuric acid section
12. Superphosphate and ammoniated superphosphate production sections
13. Coking section; coke and benzene are the probable products
14. Possible electrolytic or electric arc furnace section. Possible products are chlorine-caustic soda or elemental phosphorus.

25X1 [redacted] 25X1

25X1 [redacted] 25X1

15. Storage, shop and maintenance area. Six to eight small probable shop, service or storage structures have been erected since 1963. Several sheds have been razed to make room for the new construction.

16. Administrative and laboratory sections. Two large administrative/laboratory type buildings have been completed since 1963. Locations of these two buildings are indicated by small circles on the overlay. Several small warehouse/shed type structures have been razed since 1963.

[redacted] 25X1

25X1

25X1

REFERENCES

25X1

[redacted]

MAPS OR CHARTS:

Locator Map, Communist China, 38936, 12-63 (Official Use Only).
DIA, 67th RTS, US Air Target Chart, Series 200, Sheet 0493-20HL, 2nd Ed., July 1963, Scale 1:200,000 (SECRET)

DOCUMENTS:

NPIC/R-1267/64, Chemical Complex and Ammunition Storage Site near Chu-Hsien, China, July 1964 (SECRET [redacted] 25X1

REQUIREMENT:

CIA. C-RR5-83,036

CIA/IAD PROJECT:

30432-6

PIR - 65056
FIGURE 1

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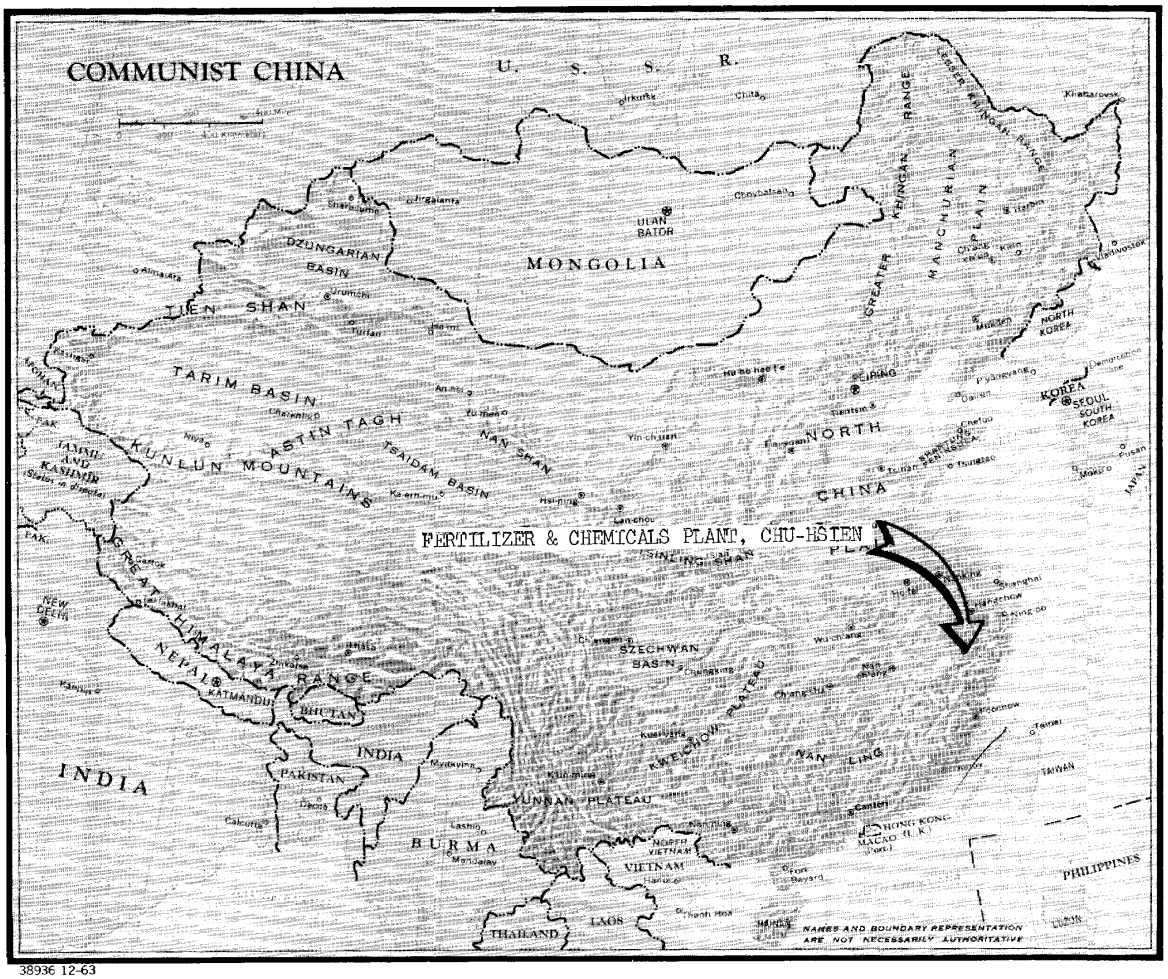

38936 12-63

PREPARED BY - Chemical and Scientific Section,
Industrial Branch, IAD

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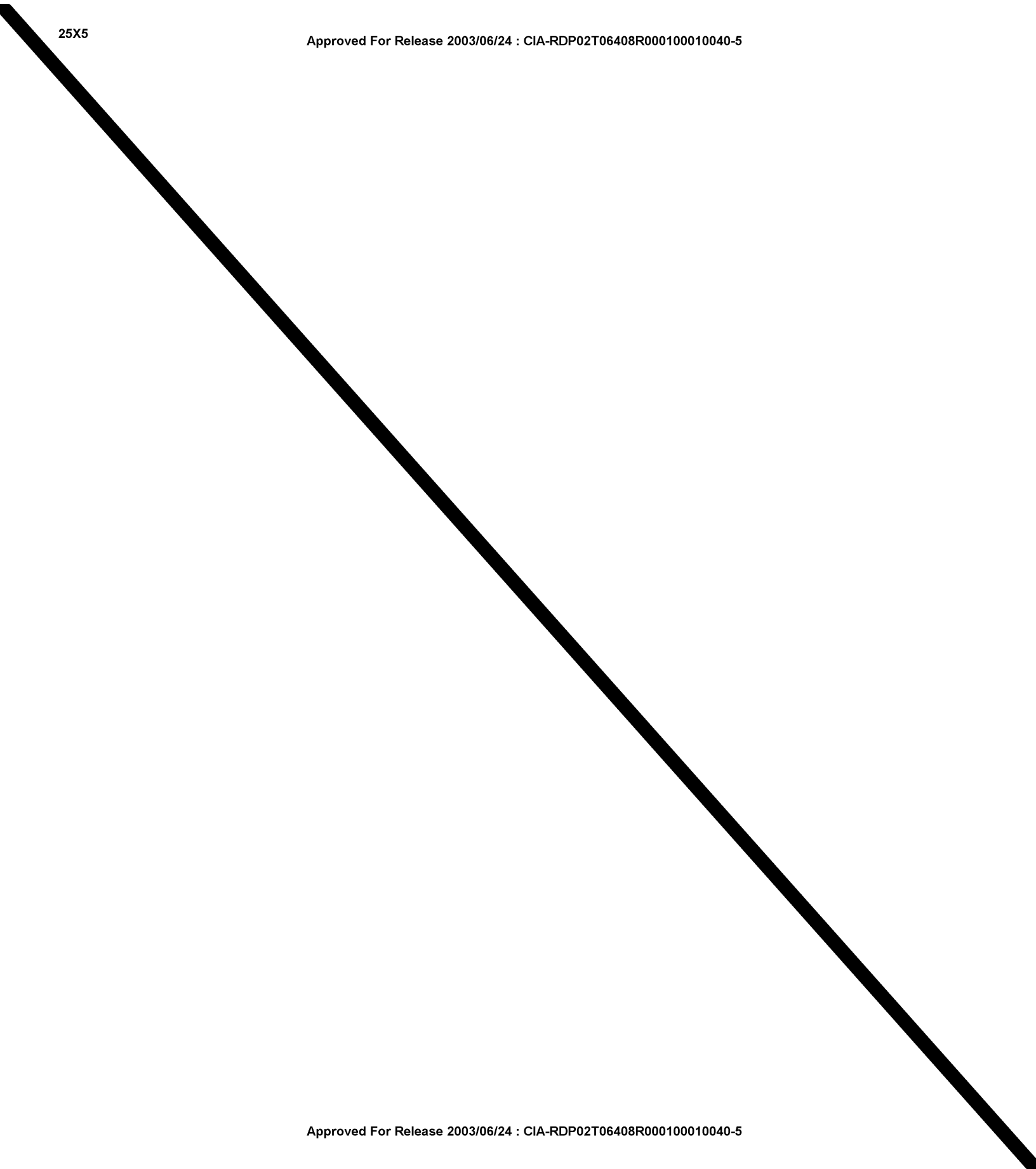

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PIR - 65056
FIGURE 4

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FERTILIZER & CHEMICALS PLANT
CHU-HSIEN, CHINA
28 54N - 118 53E

25X1

25X1

TOP SECRET [redacted]

25X1

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